

FIG. 1

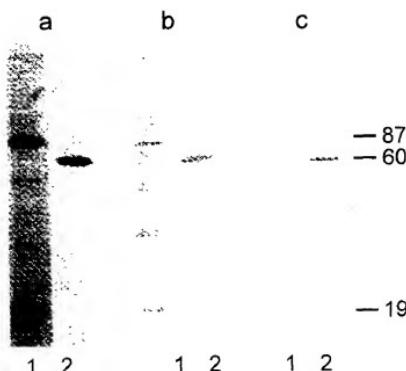


FIG. 2

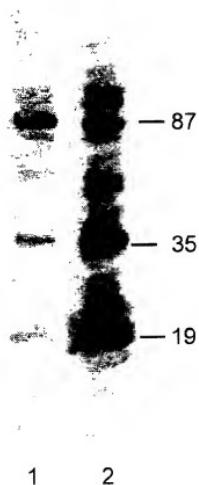


FIG. 3

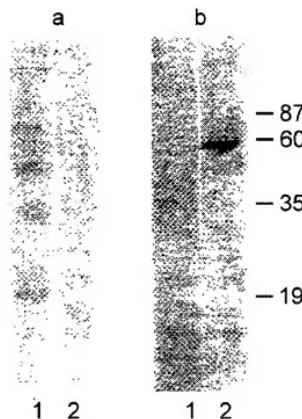


FIG. 4

00938147.082701

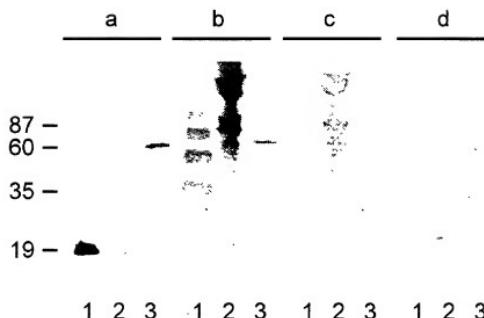


FIG. 5

1 2 3 4

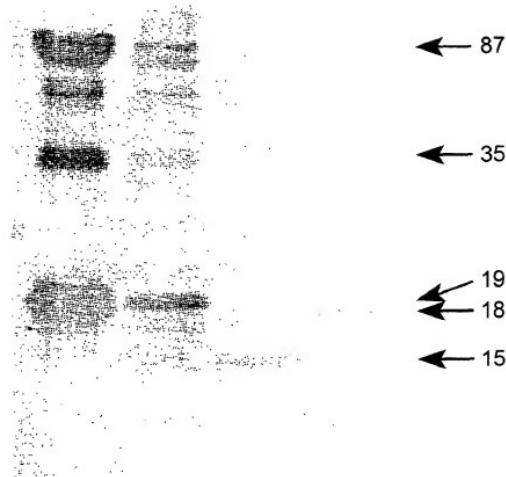


FIG. 6

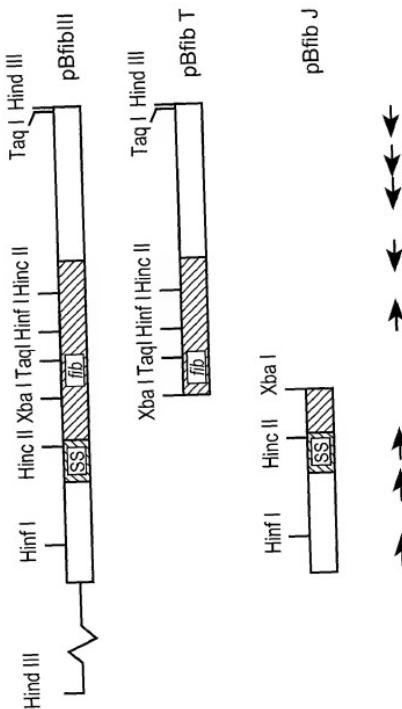


FIG. 7

1 GACTAGTGATAAGTGTGAGTCACAAGATAGATAACTATATTTTGTCTATATTATA 60
-35
61 AAGTGTTTATAGTTAATTAATAATTAGTTAATTCAAAAGTTGTCTAAATAGGATAACTT 120
-18 -35
121 AATAAAATGTAAGATAATAATTTGGAGGATAATTAACATGAAAATAAATGATAGCAAA 180
-18 M K N K L I A K
181 TCTTTATTAACAATAGCGGCAATTGGTATTACTACAACTAATTGCGTCAACAGCAGAT 240
S L L T I A A I G I T T T T I A S T A D
241 GCGAGCGGAAGGATACGGTCCAAAGAGAAAAGAACCGTGATTTAATACACAATATCGTA 300
A ↑ S E G Y G P R E K K P V S I N H N I V
301 GAGTACAATGATGGTACTTTAAATCAATCTAGACAAAATTTAACACTCAACACCTAA 360
E Y N D G T F K Y Q S R P K F N S T P K
361 TATATTAAATTCAAACATGACTTATAATTTAGAATTTAACGATGGTACTTCGAATAT 420
Y I K F K H D Y N I L E F N D G T F E Y
421 GGTGCACGTCCACAATTAAAACCAGCAGCGAAAACTGATGCAACTATTAAAAGAA 480
G A R P Q F N K P A A K T D A T I K K E
481 CAAAAAATTGATTCAAGCTAAAATCTGTGAGAGAATTTGAAAAAACACATACTGTCAGT 540
Q K L I Q A Q N L V R E F E K T H T V S
541 GCACACAGAAAAGCACAAAGGCAGTCAACTTAGTTCGTTGAATACAAAGTGAAGAAA 600
A H R K A Q K A V N L V S F E Y K V K K
601 ATGGCTTACAAGAGGATTGATAATGTATTAAACAGGATTAGTGAGATAACTTC 660
M V L Q E R I D N V L K Q G L V R *
661 TGTCATTAATTTAAGTCAAAATTTAATATTATTTATTATTTTTTATTAAAAACGAC 720
721 TATGCTATTAAATGCCAGGTTAATGTAACTTCTAAAAATTGACTATTATAATCGTTAAGT 780
781 ATCAATTAAAGGAGAGTTACAATGAAATTTAAAAATATATTTAAACAGGAACATTAG 840
M K F K K Y I L T G T L A
841 CATTACTTTATCATCAACTGGGATGCAACTTAGAAGGGAATAAAGCAGATGCAAGTA 900
L L L S S T G I A T I E G N K A D A S S
901 GTCTGGACAAATTTAACTGAAAGTCAGTTTCATGATAACGCATAGCAGAAGAATTAA 960
L D K Y L T E S Q F H D K R I A E E L R
961 GAACTTACTTAACAATGAATGATGTATGCATTAGCTGCAGGAAGCTT 1009
T L L N K S N V Y A L A A G S 1

FIG. 8

1 ATAGATAACTATATTTGTCTATATTATAAAGTGTATAGTTAATTAAATAATTAGTTAA 60
1 G CA 60

61 TTCAAAAGTTGTATAAATAGGATAACTTAATAAATGTAAGATAATAATTGGAGGATAA 120
61 120

121 TTAACATGAAAAATAATTGATAGCAAATCTTATTAAACAATAGCGCAATTGGTATTA 180
121 G GC T A 180

181 CTACAACATACAATTGCGTCAACAGCAGATGCGAGCGAAGGATACGGTCCAAGAGAAAAGA 240
181 240

241 ACCAGTGAGTATTAATCACATATCGTAGAGTACAATGATGGTACTTTAAATATCAAT 300
241 300

301 CTAGACAAAATTAACTCAACACCTAAATATTTAAATTCAAACATGACTATAATTT 360
301 360

361 TAGAATTAAACGATGGTACATTGAATATGGTCACGTCCACAATTAAATAAACCGCAG 420
361 420

421 CGAAAACGTGCAACTATTAAAAAGAACAAAATTGATTCAAGCTAAAATCTGTGA 480
421 480

481 GAGAATTGAAAAACACATACTGTCAGTCACACAGAAAAGCACAAAGGCAGTCAC 540
481 540

541 TAGTTCGTTGAATACAAAGTGAAGAAAATGGTCTTACAAGAGCGAATTGATAATGTAT 600
541 600

601 TAAAACAAGGATTAGTGAGATAATCTCTGTCTTAAAGTTCAAA...TAATT 660
601 T A A AA C GC G T TC GG TAAT 660

661 TAATATTATATTATTTTATTAATAAAACGACTATGCTATTAAATGCCAGGTTAATGTA 720
661 A G G A G G A A G AT A 720

721 ACTTTCTAAATTGACTATATAATCGTTAAGTATCAATTAAAGGAGAGTTACAATGA 780
721 T G G C AG C T 780

781 AATT 785
781 785

FIG. 9

1 MKNKLIAKSLLTIAIGITTTIASTADASEGYGPREKKPVSINHNIVEYNDGTFKYQSR 60
1 A L 60
61 PKFNSTPKYIKFKHDYNILEFNDGTFEYGARPQFNPAAKTDATIKKEQKLIQAQNLVRE 120
61 120
121 FEKTHTVSAHRKAQKAVNLVSFEYKVKKMVLQERIDNVLKQGLVR 165
121 K 165

FIG. 10

SEGREGATION

Fbg-bp, strain Newman

EKKPVSI
KYIKFKHDY

AKTDATIKKEOKLIOAONI

110

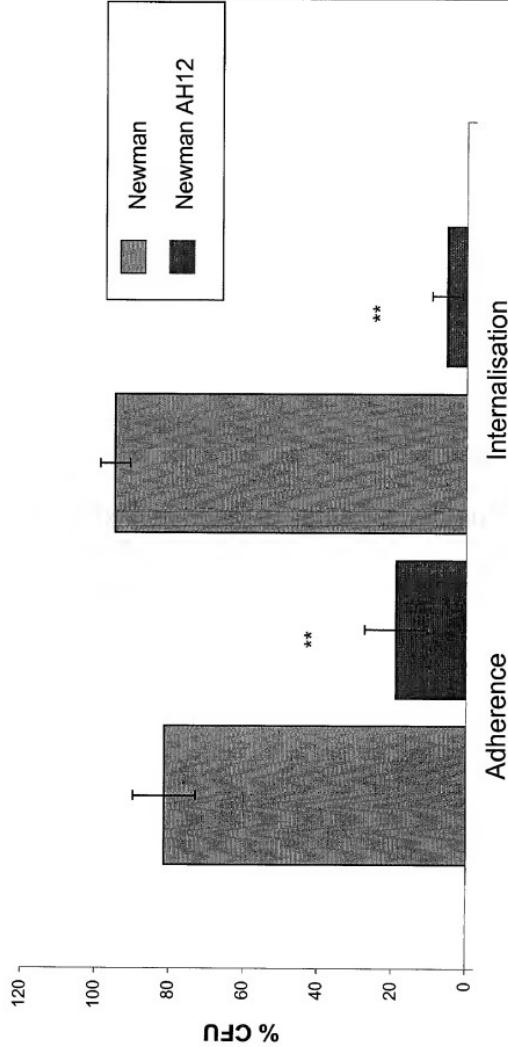
NIVEYNDGSFK NILEFNDGFFE

AKT DAT I KKEQKL I QAQN L VREFEKTH TVSAH RKAOKA VNL VSF EYKVKMVL QOERIDN VLKOGLVR

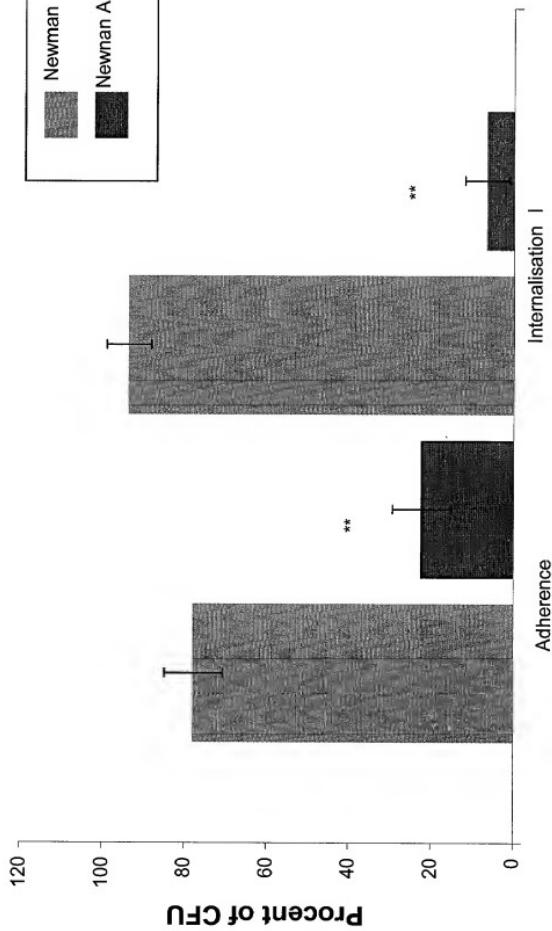
ASQ	GIREYNDGTGFG	YGPRPQFNKTP
	NVTTHANGQVS	YEARPFRNKPSS
	NVTTHANGQVS	YGARPTTYKPKS
	NVTTHANGQVS	YGARPTONKPKS
	NVTTHANGQVS	YGARQAQNPKPS
	NVTTHANGQVS	YGARPTTYKPKS
	NVTTHANGQVS	YGPRVTK

FIG. 11

Adherence and Internalisation to fibroblasts by Newman and Newman AH12 (Eap::Ery^R) O.N culture



Adherence and Internalization into epithelial cells of Newman and Newman AH12 (Eap::Ery^R), O.N culture



APPLN. FILING DATE: AUGUST 27, 2001
INVENTOR(S): BODEN ASTFELT & PROTEIN
TITLE: FIBRINOCOGEN BINDING PROTEIN
APPLICANT SERIAL NO.: 012889-086
SHEET 12 OF 14

FIG. 13

Adherence and Internalisation to epithelial cells by a 2 hours culture of Newman and Newman AH12 (Eap::Ery^R)

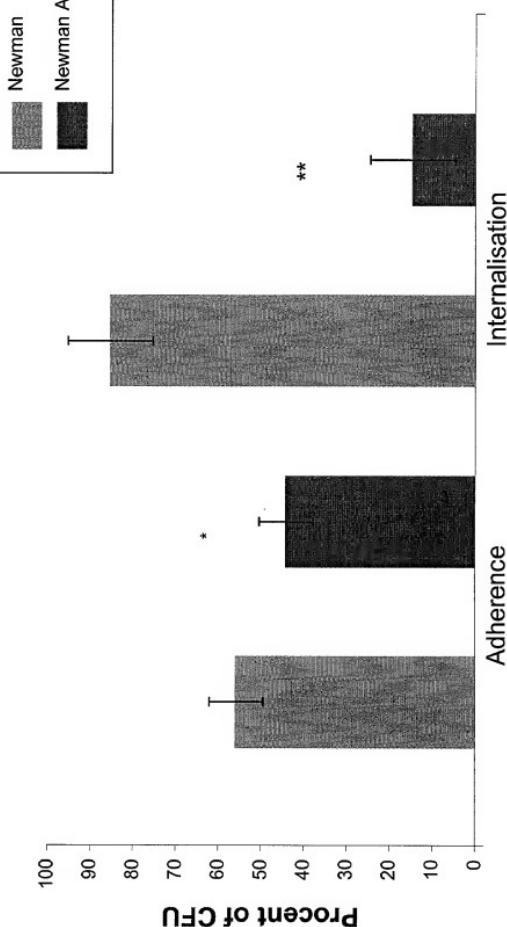


FIG. 14

Internalisation to fibroblasts by strain Newman in the presence
or absence of Eap-AB

